

F

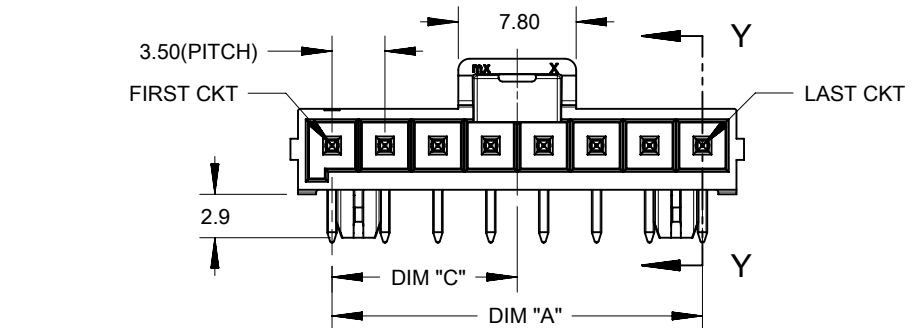
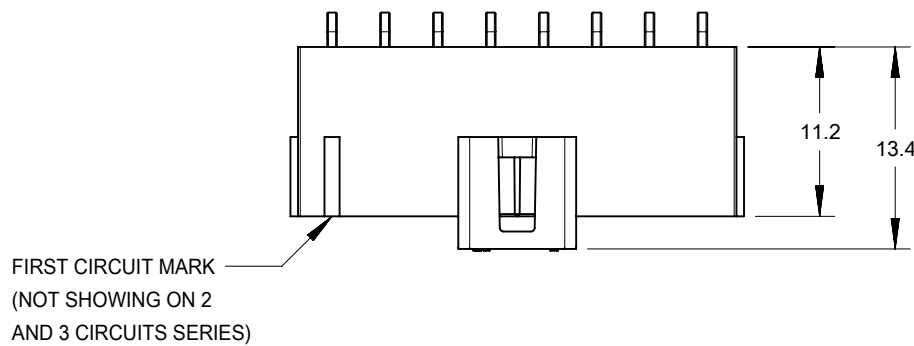
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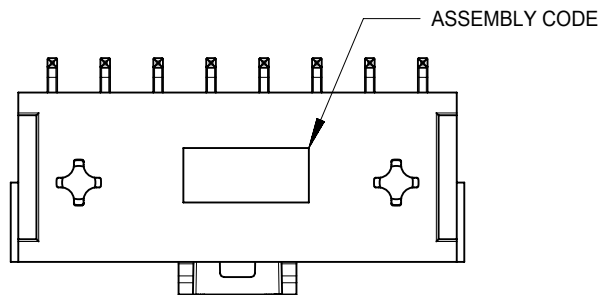
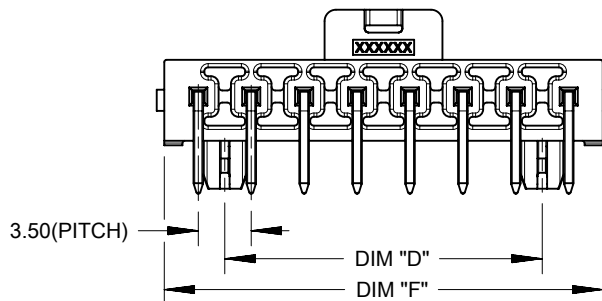
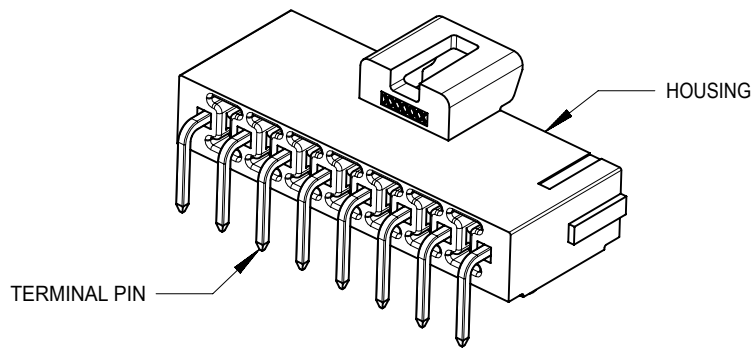
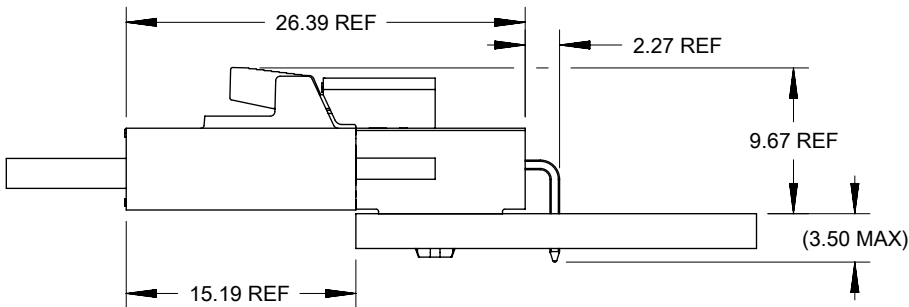
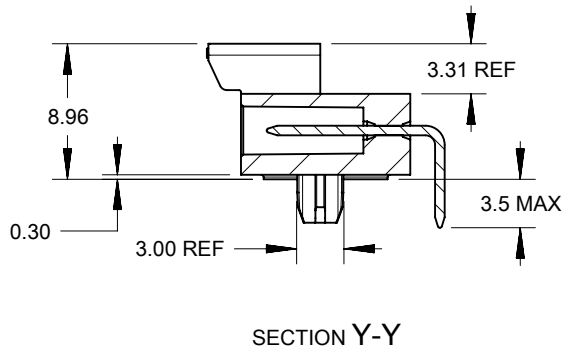
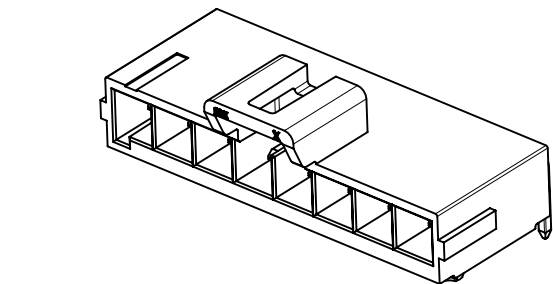
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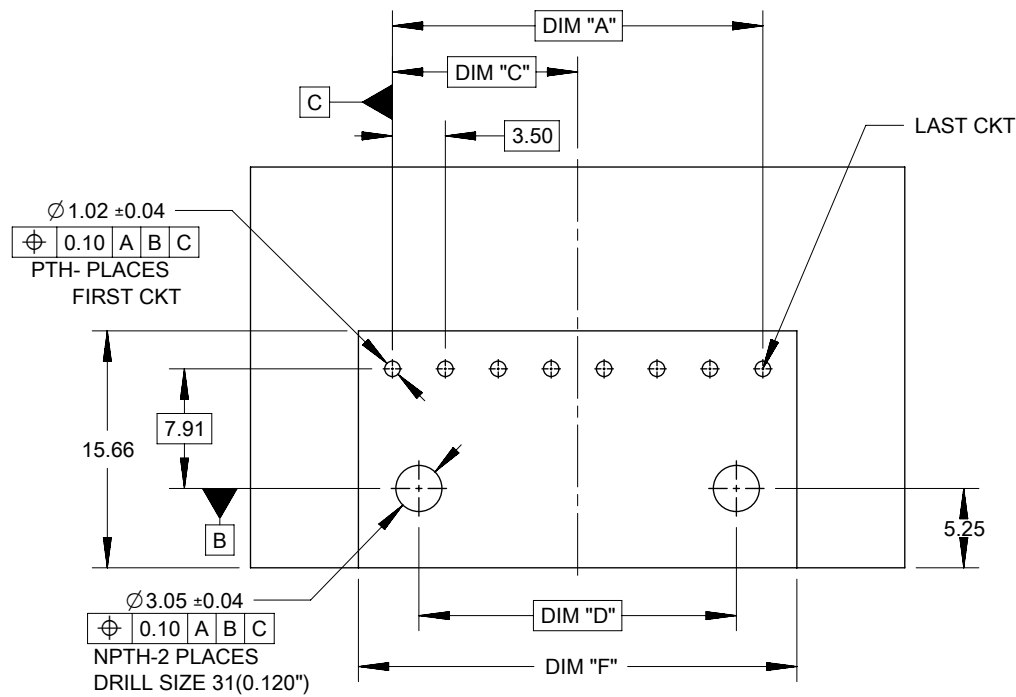
A



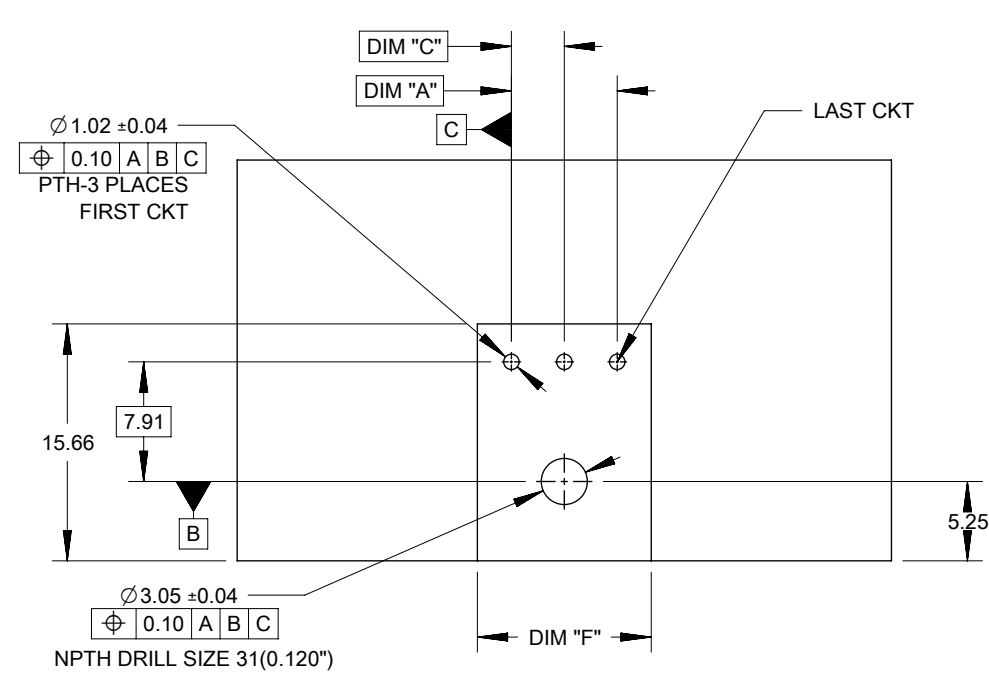
- NOTES:
- MATERIAL :
HOUSING
OPTION 1: LCP BLACK, UL94 V-0
OPTION 2: LCP NATURAL, UL94 V-0
TERMINAL: COPPER ALLOY
 - PLATING FINISH:
OPTION 1 - 1.5µm(60µin)-2.5µm(100µin) TIN OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
OPTION 2 - 0.35µm(15µin) GOLD CONTACT AREA,
1.5µm(60µin)-2.5µm(100µin) TIN TAIL AREA OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
OPTION 3 - 0.70µm(30µin) GOLD CONTACT AREA,
1.5µm(60µin)-2.5µm(100µin) TIN TAIL AREA OVER
1.25µm(50µin)-2.5µm(100µin) NICKEL OVERALL
 - PARTS TO BE PACKAGED PER PK-172310-9001
 - PRODUCT SPECIFICATION PS-172323-0001
 - PART MATES WITH MOLEX RECEPTACLE HOUSING 172256 AND 172260
 - PART CONFORMS TO CLASS "C" REQUIREMENTS OF SPECIFICATION PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE HOLES AND FRONT SURFACE.
 - DISCOLORATION IN THE BANDOLIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
 - ASSEMBLY SPECIFICATION: AS-172323-0001



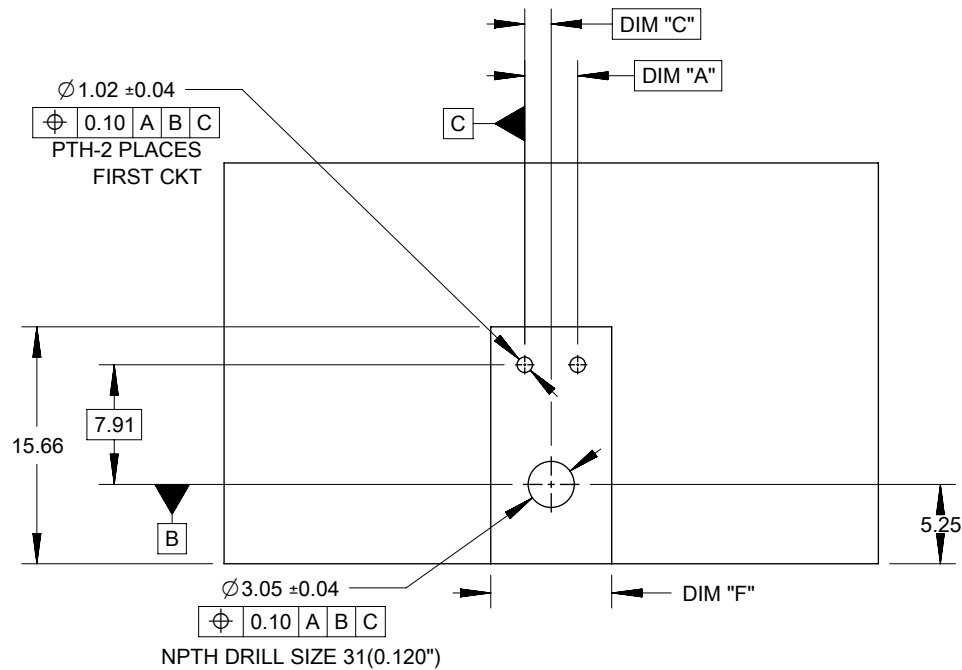
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509988			molex ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW							
$\nabla_A = 0$	mm														
$\nabla_F = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 704776 DRWN: SUGEEB 2022/04/05 CHK'D: GGA 2022/05/24 APPR: GGA 2022/05/24										
$\nabla_P = 0$	ANGULAR TOL		± °												
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: DROSCA 2014/03/05 APPR: JCOMERCI 2014/04/24										
	3 PLACES		±												
	2 PLACES		± 0.25		DOCUMENT NUMBER SD-172310-1000										
	1 PLACE		± 0.5												
	0 PLACES		±		DOC TYPE PSD		DOC PART 000		REVISION C4						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 172310		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 3	



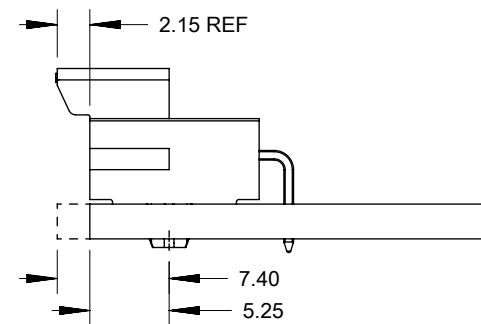
PCB LAYOUT 4,5,6,7 AND 8 COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM



PCB LAYOUT 3 CIRCUIT COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM



PCB LAYOUT 2 CIRCUIT COMPONENT SIDE
RECOMENDED PCB THICKNESS 1.60MM-2.40MM



OPTION 1: LATCH FLUSH WITH PCB EDGE
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE

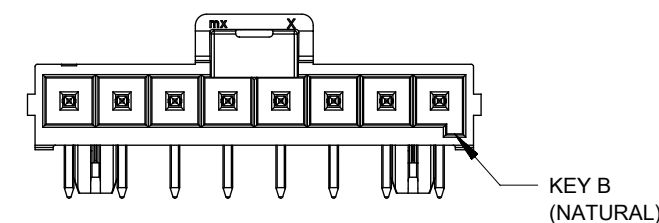
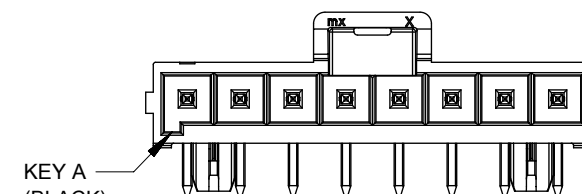
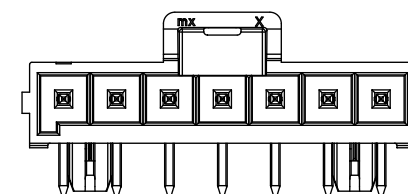
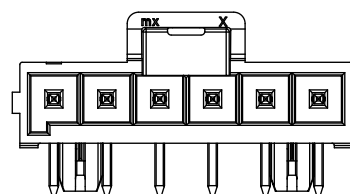
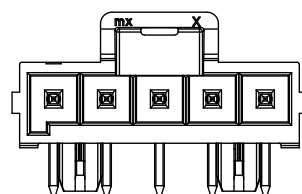
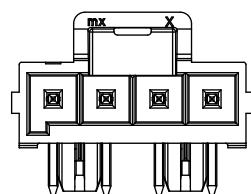
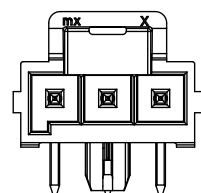
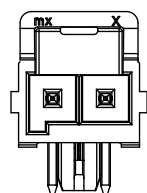
TIN PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1102	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1103	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1104	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1105	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1106	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1107	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1108	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2105	NATURAL	5	KEY B	14.00	18.50	7.00	10.50

15 MICROINCH GOLD PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1202	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1203	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1204	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1205	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1206	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1207	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1208	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2204	NATURAL	4	KEY B	10.50	15.00	5.25	7.00
172310-2205	NATURAL	5	KEY B	14.00	18.50	7.00	10.50
172310-2207	NATURAL	7	KEY B	21.00	25.50	10.50	17.50

30 MICROINCH GOLD PLATING							
PART NO.	COLOR	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	DIM D
172310-1302	BLACK	2	KEY A	3.50	8.00	1.75	0.00
172310-1303	BLACK	3	KEY A	7.00	11.50	3.50	0.00
172310-1304	BLACK	4	KEY A	10.50	15.00	5.25	7.00
172310-1305	BLACK	5	KEY A	14.00	18.50	7.00	10.50
172310-1306	BLACK	6	KEY A	17.50	22.00	8.75	14.00
172310-1307	BLACK	7	KEY A	21.00	25.50	10.50	17.50
172310-1308	BLACK	8	KEY A	24.50	29.00	12.25	21.00
172310-2304	NATURAL	4	KEY B	10.50	15.00	5.25	7.00

NOTE: DATUM -A- IS ON PCB COMPONENT SIDE

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509988 EC NO: 704776 DRWN: SUGEEB2022/04/05 CHK'D: GGA2022/05/24 APPR: GGA2022/05/24 INITIAL REVISION: DRWN: DROSCA2014/03/05 APPR: JCOMERCI2014/04/24			molex ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW				
	mm											
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± °							PRODUCT CUSTOMER DRAWING				
	4 PLACES ±											
3 PLACES ±												
DIVISIONAL SYMBOLS	2 PLACES ± 0.25				DOCUMENT NUMBER SD-172310-1000			DOC TYPE PSD	DOC PART 000	REVISION C4		
	1 PLACE ± 0.5											
	0 PLACES ±											
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DRAWING A3-SIZE	SERIES 172310
				MATERIAL NUMBER			CUSTOMER GENERAL MARKET			SHEET NUMBER 2 OF 3		



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509988			molex				
F A = 0	mm											
F C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 704776 DRWN: SUGEEB2022/04/05 CHK'D: GGA2022/05/24 APPR: GGA2022/05/24		ULTRA-FIT R/A HEADER 2-8 CKTS SINGLE ROW							
F E = 0	ANGULAR TOL ± °											
DIVISIONAL SYMBOLS	4 PLACES ±				PRODUCT CUSTOMER DRAWING							
	3 PLACES ±											
	2 PLACES ± 0.25		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
	1 PLACE ± 0.5		SD-172310-1000		PSD		000		C4			
	0 PLACES ±		INITIAL REVISION: DRWN: DROSCA2014/03/05 APPR: JCOMERCI2014/04/24		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		GENERAL MARKET		3 OF 3		
				A3-SIZE		172310						